RF/RMRS-97-013

000066651

Special Task Health and Safety Plan for the IHSS 119.1 Investigation Project

Revision: 0

April 1997

This Special Task Health and Safety Plan addresses the task specific hazards associated with the IHSS 119.1 Investigation Project. The IHSS 119.1 Investigation project will be conducted using this Health and Safety Plan for the task and area specific hazards, and the using the Health and Safety Plan for the Groundwater Program (RFP/ER-SAF-94-GMP) for programmatic and general hazards.

ADMIN RECCRO

DOCUMENT CLASSIFICATION REVIEW WAIVER PER CLASSIFICATION OFFICE

1/24

A-CUCI-001425

2. Project Description: Use	Geoprobe to drill small diameter holes, collect
	g a PIDIFID, and collect samples for analysis. Sample
will be used for	health and safety plan for the proposal excavation, and
	there is a VOC source downgralint of the IHSS.

3. Location: IHSS 119.1 and downgradient, 881 Hillside area, 041

4. Facility/Nork Site Description: Flat lying to slightly sloping, south facing hillside.

5. Proposed Personnel and Tasks:

Project Manager Annette PRIMROSE

Field Team Leader John Boy lan

Proposed Field Team

Job Function/Tasks

Annette PRIMROSE FRED GRIGSBY John Boylon

HAROLD Sanchez

Kim Jackson Ray Michaels Grey Stretesky stake locations su perine Geoprobe team Geologist RCT/HSS support

Geoprobe à sumple collection

GROUNDWATER MONITORING PROGRAM SUBCONTRACTOR

SPECIAL TASK HEALTH AND SAFETY PLAN Revision Level O

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vision Levei<u>e</u> Job No.

1. Items 1-9 to be completed by EG&G Special	Task Project Manag	er.
Project Name IHSS 119.1 & Down	gradient Inve	stigation
Project Name IHSS 119.1 & Down Task Collect core and analytical	samples usin	. He Geoprobe
Requested by Annette PRIMROSE		
Proposed Start-Up Date April 28 199	7 Project/Task No.	C111200 00
Rev.	Level	
Prepared by/Reviewed by Groundwa Health and S	ter Monitoring Progra Safety Officer	am Subcontractor
Printed Name		
Signature	Date	19
Reviewed by Groundwater Monitor	ing Subcontractor Site	e Safety Officer
Printed Name		
Signature	Date	19
Approved by EG&G Spe	cial Task Project Ma	nager
Printed Name		
Signature	Date	19
Title		

Note to Project Managers:

A signed and completed copy of the Health and Safety Plan and a signed and completed copy of the safety briefing (p. 14) <u>must</u> be included in the project file.



roundwater Monitoring Program Subcontracto	SPECIAL TASK r HEALTH AND SAFETY PLAN	Page <u>3</u> of <u>14</u> Job No.
. Confined Space Entry		
limited means of egress, which is su deficient atmosphere, or other hazard equipment be inadvertently activated limited to storage tanks, process ve- control devices, smoke stacks, under	pace not currently used or intended for human bject to the accumulation of toxic contaminant ds, such as engulfment, or electrical or mech while an employee is in the space. Confinent ssels, bins, boilers, ventilation or exhaust ground utility vaults, sewers, septic tanks, pits, waste disposal trenches, sumps and var	nts, a flammable or oxygen nanical hazards should d spaces include but are not ducts, air pollution and open top spaces more
Will this task require entry into an or partially confined space?	y confined YES - Describe below X No	
Other Potential Mazards Chemical Radiological		
Fire/Explosion	Trenching/Shoring X Heavy Equipment/Vehice	ular Traffic
Heat Stress	Overhead Hazards	
Electrical	✓ Unstable/Uneven Terra	
X Machinery/Mechanical Equipment	Other - Describe below	
,7,8 Description/Other IHSS 119.1 is a former dru.	m storage site where radiolo	oral = Voc
contemination leated into the	e subsurface soil. The reductor	perde has moving
parts. Uneven terrain generate	, attest that this information is accurate t	to the best of my knowledge
and hereby request a Health and Safe	ty Plan for the task(s) designated above.	
	annth Promoce	4/23/97
	Signature Date	
	SR. PROS. Manage	
	Title	



Groundwater Monitoring Program Subcontractor

SPECIAL TASK HEALTH AND SAFETY PLAN

Page 4 of 14 비행이

10	Chamical	/Padial	naicei	Rezerd	Evaluation
10.	Lineari ca	L/Radiol	DOICEL	HAZAFO	EASTRUCTION

★ Airborne Contamination Ignitible ★ Surface Contamination Corrosive ★ Contaminated Soil Reactive ★ Contaminated Groundwater Explosive Contaminated Surface Water Toxic (non-radiological) Solid Waste Radioactive Liquid Waste Radioactive	Waste Media	Hazardous Characteristics
	Surface Contamination Contaminated Soil Contaminated Groundwater Contaminated Surface Water Solid Waste	Corrosive Reactive Explosive Toxic (non-radiological)

Substance

This task will involve the reasonable possibility of exposure to the substances listed below at concentrations or in quantities which may be hazardous to the health of the site personnel.

See attached table of concentrations

Primary Hazard (Rate: low, med, high, ext)

substance Carbon tetrachlorid	Inhalation of Gases/ Vapors	Inhalation of Dusts/ Mists	Ingestion	Dermal Absorption of Solids/ Liquids and/or Skin Contam.	Dermal Absorption of Gases/ Vapors	Corrosive/ Irritant	Ignit- ability	Reactivity/ Explosion
1, 1, Dichloroethene						 		
Tetrachloroethene	<u>-</u>	-	-				_	
Trichloroether a Substance		sure Limit	IDLI	Level	l Heal	h Effects		
Carbon Tetrachl	oride	5 ppm #	2	00 Ppm				
1,1 Dichloro et		100 ppm	4,	ooo ppm	- 3,000 m	DS 4-25-97		
Tetrachboroethe	ne	25 ppm	15	so ppm				
1,1,1 Trichlo	roethane	350 ppm	7	00 ppm	•			
Trichloroethe	ne	50 ppm	(1,	000 ppm				

^{*} Exposure limit ACGIH

		93 代 Page <u>6</u> of <u>44</u> 小 Job No.
3. Personal Monitoring	-	
Passive Dosimeter Personal Air Sampling	<u>√</u> Other	Personal air monitoring/ sampling will be required if readings continue to
Description/Other:		if condinate continue to
PID/FID		stay above .1 ppm over
		Bk6 after verting
This project requires medical surveillance or biological more the routine medical surveillance program, see description be Description:	_	ures beyond the provisions of
5. Onsite Control		· · · · · · · · · · · · · · · · · · ·
5. Onsite Control Control boundaries have been established, and the Exclusion Zone (the Decontamination Line, Contamination Control Zone and Support Zone (cle identified as follows: Orange cones and caution to and support Zone to keep non-traine	ean area) have l ape arour	peen designated and are

Page <u>5</u> Job No.	of 14 4 29/47
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11. Ambient Air/Site Monitoring Procedures

The following instruments shall be used to monitor the work environment and workers' breathing zones prior to site entry and at the specified intervals.

	Instrument	Monito	oring Frequen	су			
ALP 3/9	7 PID (HNU, OVH) W/EV lamp-	Cont.	15min.	30min.	hourly	other	
۹,	OVA Combustible Gas Indicator	Cont.	15min. 15min.	30min. 30min.	hourly hourly	other	
	H2S Detector	Cont.	15min.	30min.	hourly	other	
	Colorimetric Detector Tubes	Cont.	15min.	30min.	hourly	other	
	Other (describe below)	Cont.	15min.	30min.	hourly	other	
	Description/Other:						
	TVA 10008 Toxic Vapor Anal	4200	PID/FID	pers	ot Sampi Sonnul 1	le surface and in preathing 30000	
1	2. Action Levels			duri	ing time	s of potential exposer	re

Action Level

Task personnel shall observe the following Action Levels:

	TVA PD AND TVA FID	any sustained reading above background in the breathing zone.	9
instrument Mini-ram dust monuter	Action Level 1.5 mg/m³ sustained in the breathing zone	Specific Action If 1.5 mg/m³ dust levels are obtained in the breathing zone (sustained), apply water suppression and soil wetting using a Small sprayer or	

other means.

Specific Action

background is present in the breathing zone, affected personnel will move upwind for a time period determined by the HSS.

Most likely, the VOC levels will dissipate during this time and personnel may return to the work area.

If readings above background in the breathing zone do not dissipate, use a large fan to remove the vocs from the breathing zone.

If the fan does not reduce VOC readings to background, stop work and contact RMRS Health and Safety.

C

added - MDS 4-29-97

Instrument

Groundwater Monitoring Program Subcontractor

SPECIAL TASK HEALTH AND SAFETY PLAN Page 8 of 26 4 9447

17. Decontamination

Personnel and equipment leaving the Controlled Zone shall proceed through the following decontamination stations and procedures from the decontamination zone:

Personnel Decontamination

Station

N/A

Procedure

Remove gloves so as not to contact skin. If contaminated soil or liquid contacts gloves, change immediately.

Equipment Decontamination

Station

Procedure

F0.3

PPE-generally as specified in Section 16, However if there is a potential for contact with VOCs, the HSS will also require anapron or Saranex coveralls.

The following decontamination equipment is required: Liquinox or equivalent

DI Water

Emergency decontamination procedures:

NIA



coundwater	Monitoring	Program	Subcontractor

AND SAFETY OFFICER AND THE PROJECT MANAGER

SPECIAL TASK HEALTH AND SAFETY PLAN Page 7 of 34 4/24/47

Location Job Functi	on/Task		I	niti	al Le	vel (of P	rote	ection
strolled zone <u>Level D protection un</u>	les RWP h	as	В	С	6) 1	2	3	other other
more stringent requ	urement		8	C					
-			В	С	D	1	2	3	other
			В	С	D	1	2	3	other
	1 8116		В	С	D	1	2	3	other
ontamination zone Level D protection			. В	C	O	1	2	3	other other
more stringent requi	rements		8	C	D	1	2		other other
List the specific protective equipment and ma	terial (where appl	icable) fo	r each o	f the	e Lev	els	of P	rote	ction
identified above									
Level B	Lav	el C							
	Lev	e. c	-						
Decembe demand ciplics									
Pressure demand airline		Half face	Air Pur	ifyiı	ng Re:	spira	ator		
Pressure demand airline with escape provis		Half face Full face							
	sions	Full face Full face	Air Pur caniste	ifyir r Air	ng Re:	spira	stor	espi	rator
Pressure demand airline with escape provis	sions	Full face Full face Standard	Air Pur caniste work clo	ifyir r Air thes	ng Re: r Pur	spira ifyir	ator ng R		
Pressure demand airline with escape provis	sions	Full face Full face Standard Hard hat,	Air Pur caniste work clo steel t	ifyir r Air thes ped b	ng Re:	spira ifyir , sai	stor ng Ro fety	gla	sses
Pressure demand airline with escape provis	sions	Full face Full face Standard	Air Pur caniste work clo steel t	ifyir r Air thes ped b ring	ng Re:	spira ifyir , sai	stor ng Ro fety	gla	sses
Pressure demand airline with escape provis	sions	Full face Full face Standard Hard hat, Ear protes	Air Pur caniste work clo steel t ction du	ifyir r Air thes ped b ring	ng Res Pur poots dril	spira ifyin , san L rig	ator ng Ro fety g ope	gla erat	sses ion
Pressure demand airline with escape provis Pressure demand SCBA	sions	Full face Full face Standard Hard hat, Ear prote Inner late Outer NBR	Air Pur caniste work clo steel t ction du	ifyir r Air thes ped b ring	ng Res Pur poots dril	spira ifyin , san L rig	ator ng Ro fety g ope	gla erat	sses ion
Pressure demand airline with escape provis Pressure demand SCBA	Level	Full face Full face Standard Hard hat, Ear prote Inner late Outer NBR	Air Pur caniste work clo steel t ction du	ifyir r Air thes ped b ring	ng Res Pur poots dril	spira ifyin , san L rig	ator ng Ro fety g ope	gla erat	sses ion
Pressure demand airline with escape provis Pressure demand SCBA evel D Standard works clothes/DOE Court all	Level	Full face Full face Standard Hard hat, Ear prote Inner late Outer NBR	Air Pur caniste work clo steel t etion du ex glove (Nitril	ifyir r Air thes ped b ring s e But	ng Red r Pur poots, drill	spira ifyir , sat L rig	etor ng Ro fety g opo r) g	gla erat	sses ion
Pressure demand airline with escape provis Pressure demand SCBA Standard works clothes DOE Gueral Hard hat, steel toed boots, safety glasses	Level	Full face Full face Standard Hard hat, Ear prote Inner lat Outer NBR	Air Pur caniste work clo steel t ction du ex glove (Nitril	ifyir r Air thes ped b ring s e But	ng Remonstrated Re	spira ifyir , sai L rig ubber	etor ng Ro fety g opo r) gl	gla erat love	sses ion s
Pressure demand airline with escape provis Pressure demand SCBA evel Standard works clothes/DOE coueval Hard hat, steel toed boots, safety glasses	Level	Full face Full face Standard Hard hat, Ear prote Inner lat Outer NBR	Air Pur caniste work clo steel t ction du ex glove (Nitril	ifyir r Air thes ped b ring s e But	ng Remonstrated Re	spira ifyir , sai L rig ubber	etor ng Ro fety g opo r) gl	gla erat love	sses ion s
Pressure demand airline with escape provis Pressure demand SCBA Standard works clothes/DOE Coueval Hard hat, steel toed boots, safety glasses	Level	Full face Full face Standard Hard hat, Ear prote Inner lat Outer NBR	Air Pur caniste work clo steel t ction du ex glove (Nitril	ifyir r Air thes ped b ring s e But	ng Remonstrated Re	spira ifyir , sai L rig ubber	etor ng Ro fety g opo r) gl	gla erat love	sses ion s
Pressure demand airline with escape provis Pressure demand SCBA Standard works clothes DOE Gueral Hard hat, steel toed boots, safety glasses	Level	Full face Full face Standard Hard hat, Ear prote Inner lat Outer NBR	Air Pur caniste work clo steel t ction du ex glove (Nitril	ifyir r Air thes ped b ring s e But	ng Remonstrated Re	spira ifyir , sai L rig ubber	etor ng Ro fety g opo r) gl	gla erat love	sses ion s
Pressure demand airline with escape provise Pressure demand SCBA Standard works clothes DOE Court all Ward hat, steel toed boots, safety glasses Ear protection during drill rig operation nimic Inner Letek gloves havenering Outer NBR gloves Follow RWP	Level Level So Note: Hard has Geoproble present	Full face Full face Standard Hard hat, Ear prote Inner late Outer NBR	Air Pur caniste work clo steel t ction du ex glove (Nitrilian) worn fan, or de vest	ifyin Air thes oed the ring see But	ng Res r Pur poots drill tyl Ru	spiris ifyir , sat l rig ubber	etor ng Ro fety g opo r) gl	gla erat love	sses ion s
Pressure demand airline with escape provis Pressure demand SCBA evel Standard works clothes/DOE	Level Level So Note: Hard has Geoproble present all feet	Full face Full face Standard Hard hat, Ear protei Inner late Outer NBR	Air Pur caniste work clo steel to the ction duex glove: (Nitrilation, or construction, or construction) are the are the	ifyin r Ain thes oed the ring s But TF rec	ng Res	spira ifyir , sat l rig ubber	in:	glaeratiove	sses ion s zards



ion
agology t
reologut Pration/Sampling Opentur

21. Special Instructions

Follow RWP for PPE requirements

PIDIFID monistoring for VOCs (Do not exceed limits in BZ)

Follow HSS/RCT recomendations - IF above appm, back away, allow to vent.

HARD HATS will be worn within 5 feet of geoprobe operations

Hearing Protection will be worn when hammer is in use.

No eating, drinking or gum chewing in the Exclusion Zone or in the rad controlled area.

HSS will monitor for heat and cold stress as necessary. Visual signs, thermometer will be used

Groundwater Monitoring Program Subcontractor	SPECIAL TASK HEALTH AND SAFETY PLAN	Page 9 of $\frac{73}{14}$ Job No.
18. Confined Entry Procedures	Not Applicable	
Yes N/A	Yes N/A	
Provide Forced Ventilation	Refer to Personal Prote	ctive Equip. (#16)
Test Atmosphere For:	Refer to Emergency Proc	edures (#29)
(a) XO ₂	Other Special Procedure	S
(b) XLEL		
(c) Other		
Descriptions/Other:		
19. Cutting/Welding Procedure	Not Applicable	
Relocate or Protect Combustibles		
Wet Down or Cover Combustible Floo	or	
Check Flammable Gas Concentrations	s (%LEL) in air	
Cover Wall, Floor, Duct and Tank (Openings	
Provide Fire Extinguisher		
Other Special Instructions:		

Groundwater Mod	S nitoring Program Subcontractor HEALTH	PECIAL TASK AND SAFETY PLAN	Page <u>12</u> of <u>24</u> Job No.
24. Emergency	Procedures This page is to be post	ed at prominent location on site.	
Yes	No	#2911 Me	يا دما
\checkmark	On-site Communications Require	d? Emergency Channel #2911 Fir	e/security
Nearest	Telephone 78910		
	of a fire or explosion, if the situation the health and safety of yourself, the		
1. Noti	fy emergency personnel by calling	2911	
	e, isolate the fire to prevent spreading		
3. Evac	uate the area		
Chemical (Exposure		
Site workers	must notify the site health and safety	officer immediately in the event of a	any injury or any of the
signs or symp	otoms of overexposure to hazardous subs	tances identified below:	
Substance:	s Present Symptoms	of Acute Exposure	First Aid



SPECIAL TASK Groundwater Monitoring Program Subcontractor HEALTH AND SAFETY PLAN			
22. Sanitation Requirements			
Potable water supply avail	able on work site?	\checkmark Yes	
Portable toilets required	on work site?	Yes ✓ No	If Yes, how many?
Temporary washing/shower fo	acilities required at work si		If yes, describe below. If no, state location existing facilities.
Description: Toilets and available 23. Field Procedures Change Author	in the contractor	are rs yard,	
Instruction Number	Duration of Author	ization Requeste	d Date: 4/23/97
to be changed	Today only Duration of Tas	•	77
Description of Procedures Modifi	cation:		
Justification:			

Person Requesting Change:

Annette Primrose

Name

Name

Name

Time

Sr. Prosect Mana68

Title

Title

Anntt Pumou

Approved By
(Signature of person named above to be obtained within 48 hours of verbal authorization)



Page 13 of 14 4 20 10 SPECIAL TASK Groundwater Monitoring Program Subcontractor HEALTH AND SAFETY PLAN 24. Emergency Procedures - Cont'd On Site Injury Or Illness In the event of an injury requiring more than minor first aid, or any employee reporting any sign or symptom of exposure to hazardous substances, immediately take the victim to MEDICAL FACILITY located at 8 122 appropriate first-aid and immediately call for emergency medical assistance at 2911 designated trauma center is Medical FACILITY located at 8122 , phone 2911 SFF Attacked MAP Designated Personnel Current in First Aid/CPR (Names) HAROLD SANCHEZ Penay Schrekengast the event of an injury or accident contact FRED Grigsby x 7728 dp 7469
Annette primerose x 4385, dp 4675

Designated Back-Up Personnel (Names)

Function Required Emergency Back-Up Equipment Emergency Response Authority _ is the designated site emergency coordinator and has final authority for first response to on-site emergency situations. Upon arrival of the appropriate emergency response personnel, the site emergency coordinator shall defer all authority but shall remain on the scene if necessary to provide any and all possible assistance. At the earliest opportunity, the site safety officer or the site emergency coordinator shall contact the project coordinator or health and safety officer. Phone (w)_____ (h) ___ Project Coordinator

Health and Safety Harold Sanchez Phone (W) 966-4953 (h) 985-2575

Officer

roundwater Monitoring Program Subcontractor	SPECIAL TASK - HEALTH AND SAFETY PLAN		Page 14 of 24 0
5. Safety Briefing			
The following personnel were present			
(date) at with its provisions:	(location), and f	wave read the wabove plants	n and are familiar
Name		Signature	
			
ally charged ABC Class fire extinguisher a	vailable on site?		YES
ully stocked First Aid Kit available on si	te?		YES
l project personnel advised of location o	f nearest phone?		YES
ll project personnel advised of location o	of designated medical facility	or facilities?	YES
	******	· · · · · · · · · · · · · · · · · · ·	
	Printed Name of Field Te	am Leader or Site Safety	Officer
	Signature	Date	

Concentrations of VOC Contaminants in IHSS 119.1 and Downgradient Groundwater

Table 1. Maximum Contaminant Concentrations in IHSS 119.1 Groundwater (modified from RMRS 1996a)

Well No.	Compound	Range of Concentrations (ug/L)
0974	Carbon Tetrachloride	Nondetect to 28,000
	1,1-Dichloroethene	Nondetect to 48,000
	1,1,1-Trichloroethane	Nondetect to 30,250
	Tetrachloroethene	430 to 13,200
	Trichloroethene	1,300 to 72,000
1074	Carbon Tetrachloride	441 to 5,000 E
	1,1-Dichloroethene	Nondetect to 140
	1,1,1-Trichloroethane	Nondetect to 312
	Tetrachloroethene	Nondetect to 49
	Trichloroethene	258 to 3,600
4387	Carbon Tetrachloride	Nondetect to 2,995
	1,1-Dichloroethene	Nondetect to 32,687
	1,1,1-Trichloroethane	Nondetect to 15,000
	Tetrachloroethene	64 to 7,590
	Trichloroethene	140 to 15,540

E - Concentration exceeded calibration range of analytical equipment

Table 2. Range of Contaminant Concentrations in Groundwater from Downgradient Wells

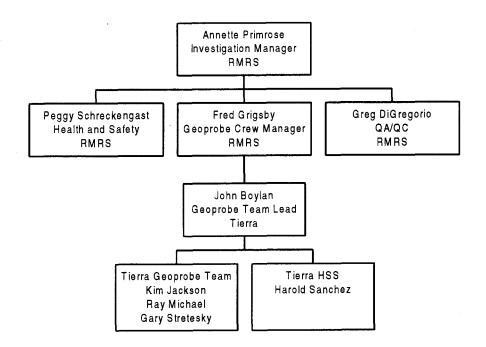
Well No.	Compound	Range of Concentrations (ug/l)
0487	Carbon Tetrachloride	Nondetect to 2,600 (330)*
	1,1-Dichloroethene	Nondetect to 14
	1,1,1-Trichloroethane	Nondetect to 20
	Tetrachloroethene	Nondetect to 590 (84)*
	Trichloroethene	Nondetect to 9,500 (1,200)*
32591	Carbon Tetrachloride	Nondetect to 0.1 J
	1,1-Dichloroethene	Nondetect to 6
	1,1,1-Trichloroethane	Nondetect to 2
	Tetrachloroethene	Nondetect to 3
	Trichloroethene	274 to 900

^{*}Highest concentrations present if October 22, 1992 samples are excluded

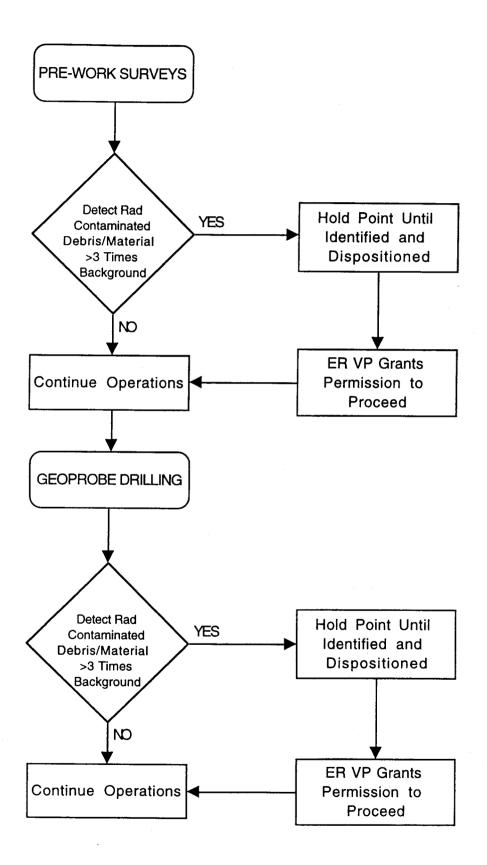


J - concentration detected below the detection limit

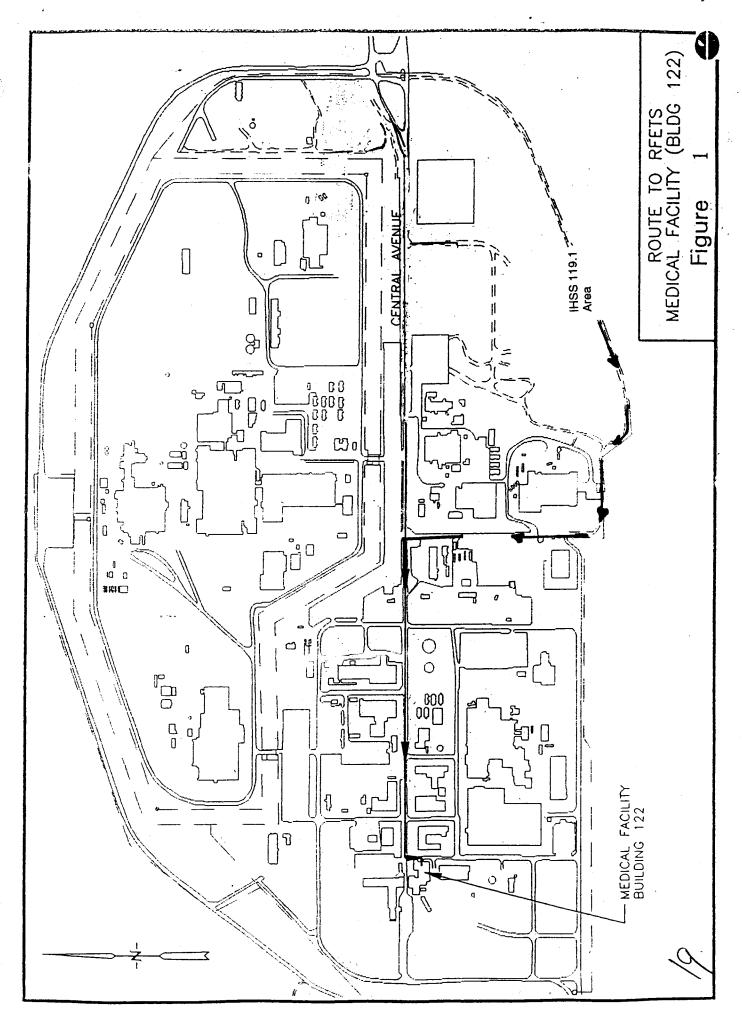
IHSS 119.1 Investigation Organization Chart



119.1 INVESTIGATION RADIOLOGICAL SUSPENSION LIMITS







	ACTIVITY HAZARD AN	NALYSIS
JOB/PROJECT:	IHSS 119.1 Area Characteriz	ation .
ACTIVITY DESCRIPTION:	Geoprobe soil cores and sa	mples
Activity	Potential Hazard	Protective Control Measures
1) Geotechnical	Slips, trips, and falls	Pre-activity work area survey to identify
investigation including soil	onpo, mpo, and rais	potential hazards associated with
cores and sampling		operations. Hazard assessment per section
cores and sampling	Exposure to airborne	On-site monitoring requirements will be
	radioactive or chemical	established prior to project implementation
	contaminants	per section 7.2*.
		<u> </u>
	Dermal exposure with	Establish monitoring program prior to
	radioactive or chemical	operations. Define appropriate level of PPE
	contaminants in soils and	
· · · · · · · · · · · · · · · · · · ·	groundwater.	
	Mechanical/hydraulic	Pre-work safety discussion and procedures
	hazards	identified in section 6.2.7*.
	Noise exposure	Hearing protection will be required during
		geoprobe hammer operations.
	Electrical hazards	Clearances will be maintained per the
		excavation permit.
	Underground/above-	Utility clearances will be performed as part
	ground utilities	of obtaining an excavation permit.
	Cold stress/heat stress	Pre-work discussion to ensure awareness.
		And follow guidance in section 7.3*.
2) Equipment	Contact with potentially	Personal PPE will be defined prior to decon
decontamination	contaminated rinse water	operations (see Section 17)
	Similar exposure hazards as	PPE and monitoring requirements consistent
	identified above.	with geotechnical operations.
	High pressure steaming, as	PPE as described in section 7.0*.
	appropriate	
H&S TRAINING:		
SPECIAL EQUIPMENT:		
SELCIAL EQUIPIVIENT.		
CRAFT FOREMAN CONCURR		
H&S CONCURRENCE:	M.D. Schreckingust	4-25-97
CONSTRUCTION SUPERINTEN	DANT CONCURRENCE: °	
		and Safety Plan , Groundwater Monitoring



119.1 Investigation Response to Unknown Hazards

In the event that unexpected hazards of conditions are encountered during investigation activities, the project activities will pause to assess the potential hazard or condition. The project manager and field manager will be notified immediately, as well as the RMRS Safety officer. The potential hazard or condition will be evaluated to determine the severity or significance of the hazard or condition, and whether the controls on the project are sufficient to address the hazard or condition. Based on this initial evaluation, a determination will be made whether to proceed with controls currently in place; segregate the condition or hazard from the project activity, if it can be done safely, or curtail operations to address the unexpected hazard or condition. Concurrence down the selected path must be obtained from the RMRS ER Vice President, Ann Tyson, or her designee.



Table 1. Emergency Contact Telephone and Pager Numbers

Fire x. 2911 Poison Center 629-1123 Ambulance x. 2911 Security x. 2911

Nearest Emergency Medical Services Are Located At Building 122 as shown on the attached map.

Nearest telephone is located at: T893 B

Additional Project Telephone Numbers

Vice President - ER - Ann Tyson x4829/d1101 H&S Manager - Ken Jenkins x5374/d7455 Project Manager - Annette Primrose x4385/d4675 Field Manager/Geologist - Fred Grigsby x7728/d7469 H&S Supervisor - Peggy Schreckengast x6790/d3059 HSS - Harold Sanchez x4953 x2911 **HAZMAT** Emergency Response Occupational Health General Information x2594

Note: d = digital page, the digital page system can be activated on plantsite by dialing extension 4000, then following the instructions.



I have read the contents of this HSP addendum, am familiar with the Groundwater Monitoring HSP, and agree to comply with the contents within.

Name	Signature	Title	Date
		· · · · · · · · · · · · · · · · · · ·	
- Marine de la companya del la companya de la compa			
·			
775-1			
			-
		·	
			



The following signatures represent approval of the Special Task Health and Safety Plan for the IHSS 119.1 and Downgradient Investigation. This Special Task Health and Safety Plan is an addendum to the Health and Safety Plan for the Groundwater Monitoring Program. This Special Task Health and Safety Plan covers work during the period of April 29, 1997 through June, 1997.

Scott Newsom, Radiological Engineer

Peggy Schreckengast, Health and Safety Supervisor